

WHAT IS CLAIMED IS:

1. A power transmission system of an automobile comprising

an engine,

5 a gearbox placed between said engine and a driving shaft,

a rotary electric unit connected to the output shaft of said engine and to said driving shaft through said gearbox, and

10 a clutch placed between the input shaft of said gearbox and the output shaft to control the transmission torque from the output shaft to the input shaft.

2. A power transmission system of an automobile in accordance with Claim 1; wherein said clutch is provided
15 on gears having the minimum gear ratio in said gearbox

3. A power transmission system of an automobile comprising

an engine,

a gearbox placed between said engine and a driving
20 shaft, and

a rotary electric unit connected to the output shaft of said engine and to said driving shaft through said gearbox, where the drive (rotation) of the output shaft of said rotary electric unit is reduced and transmitted
25 to the input shaft of said gearbox in the side facing to

the engine.

4. A power transmission system of an automobile comprising

an engine,

5. a gearbox placed between said engine and a driving shaft, and

a rotary electric unit connected to the output shaft of said engine and to said driving shaft through said gearbox, wherein the output shaft of said engine and the
10 output shaft of said rotary electric unit are different and the gears of said output shafts are directly engaged to transmit power.

5. A power transmission system of an automobile in accordance with any of Claim 1 to Claim 4, wherein said
15 unit further comprises a clutch which disconnects the output shaft of said rotary electric unit from the input shaft of said gearbox.